

# Comparisons of Job Characteristics

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 64

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Production and Processing	6.0	11.8	7.5	<<	Extensive education and/or training may be required
Mechanical	6.8	11.0	3.7	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	9.2	1.8	<<	Extensive education and/or training may be required
Chemistry	4.8	6.9	3.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 68

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Troubleshooting	4.5	4.7	6.2	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 85

**Focus Occupation: Pourers and Casters, Metal (51-4052)**

**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Manual Dexterity	6.5	12.2	9.8	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	11.9	9.4	<	Some improvement in abilities may be required
Static Strength	5.0	11.5	8.4	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	11.4	8.9	<	Some improvement in abilities may be required
Reaction Time	4.8	10.5	9.0	<	Some improvement in abilities may be required
Trunk Strength	5.7	10.2	8.4	<	Some improvement in abilities may be required
Auditory Attention	5.9	9.5	7.6	<	Some improvement in abilities may be required
Rate Control	3.8	8.3	7.2	<	Some improvement in abilities may be required
Dynamic Strength	3.5	7.4	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 96

**Focus Occupation: Pourers and Casters, Metal (51-4052)**  
**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Construct molds	81
Move or fit heavy objects	8
Operate hoist, winch, or hydraulic boom	34
Operate ore refining/foundry equipment/machinery	84
Signal directions or warnings to coworkers	42
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

**Focus Occupation: Pourers and Casters, Metal (51-4052)**  
**Associated Occupation: Foundry Mold and Coremakers (51-4071)**

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.